

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	67726	pressur\$4 near3 port	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/22 08:53
L5	221	((small siz\$2) near2 (hole opening aperture)) with 4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/22 08:54
L6	6864	(604/19,23,24,890.1,500,511,522,57-59,68-72, 118,131,140,145-149,187,200,244,245).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/12/22 08:54
L7	2	L6 and 5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/22 08:54
L34	9	("6004286").URPN.	USPAT	OR	OFF	2005/12/22 09:20
L35	4	("5630796" "5836911" "5879327" "5899880").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/22 09:20
L44	1	("5630796").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/12/22 09:29
L45	1	("6013050").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/12/22 09:33
L46	21	(US-20010039394-\$ or US-20040024350-\$).did. or (US-4124024-\$ or US-4572165-\$ or US-5204253-\$ or US-5490622-\$ or US-5525510-\$ or US-5865796-\$ or US-5871125-\$ or US-5899880-\$ or US-5947928-\$ or US-6004286-\$ or US-6010478-\$ or US-6592545-\$ or US-6685669-\$ or US-6849060-\$ or US-6881200-\$ or US-5630796-\$).did. or (WO-9604947-\$ or WO-9612513-\$).did. or (EP-788386-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2005/12/22 09:47
L47	11	46 and \$3coupl\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/22 09:47
L48	2717	(KENDALL-M\$ BROWN-G\$).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/22 11:31
L49	14	driver adj chamber and (closure membrane partition) and duct	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/22 11:35
L50	2	48 and 49	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/22 11:36

L51	40720	(closure membrane partition) and duct	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/22 11:35
L52	16	48 and 51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/22 11:35
L53	10	shock.clm. and 48	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/22 11:35
L54	2	50 and shock	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/22 11:36
L55	0	50 and shock.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/22 11:36
L56	4788	(Kendall-\$ Brown-G\$).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/22 12:37
L57	26	56 and 51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/22 12:37
L58	0	57 and shock.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/22 12:38
L59	2	57 and shock	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/22 12:52
L60	2	("3308818").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/12/22 12:52
L61	30	("3308818").URPN.	USPAT	OR	OFF	2005/12/22 12:54
L62	4	61 and shock\$4	USPAT	OR	OFF	2005/12/22 12:55
L63	1	("20040024350").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/12/22 12:55
L64	1	("5630796").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/12/22 15:11
S1	6860	(604/19,23,24,890.1,500,511,522,57-59,68-72, 118,131,140,145-149,187,200,244,245).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/12/20 11:09
S2	12373	shock adj wave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/17 15:45

S3	70	S1 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/17 15:45
S4	48	membrane and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/17 15:45
S5	2699	nozzle near2 diverge\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/17 15:45
S6	9	S4 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/17 15:46
S7	16	S4 and spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/17 15:46
S8	9	S6 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/17 16:05
S9	144	membrane near2 scor\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/17 15:46
S10	0	S9 and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/17 15:46
S11	0	S9 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/17 15:46
S12	3	S2 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/17 15:47
S13	547	expansion adj wave\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/17 15:47
S14	1	S13 and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/17 16:04
S15	17	("3802430" "4124024" "4913699" "5334144" "5730723" "5865796" "5899880").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/17 16:04
S16	1	S8 and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/17 16:05

S17	25	S8 S15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/17 16:05
S18	13	("3736933" "3788315" "4031892" "4596556" "4945050" "5036006" "5062830" "5100792" "5141496" "5149655" "5204253" "5371015" "5478744").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/17 16:10
S19	6	("2380534" "2605763" "2800903").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/17 16:12
S20	9	S3 and S5	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/17 16:12
S21	16	("3189029" "3425413" "3788315" "4596556" "4945050" "5049125" "5062830" "5064413" "5149655" "5204253" "5330446" "5371015" "5503627" "5630796").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/17 16:18
S22	6	S17 not S8	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/17 16:18
S23	0	S22 and sonic	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/17 16:19
S24	4	S17 and sonic	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/17 16:19
S25	4	S17 and \$3sonic	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/17 16:20
S26	4	S25 S24	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/17 16:20
S27	3	((("6913593") or ("5383851") or ("5899880")). PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/12/17 16:22
S28	382293	supersonic \$5shock	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/17 16:22
S29	434	S1 and S28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/17 16:22
S30	11	S5 and S29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/17 16:22
S31	17	BROUILLETTE-M\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/17 16:28

S32	9024	(pressur\$3 and wave).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/17 16:29
S33	1	S32 and S31	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/17 16:29
S34	173	oblique near3 (shock adj wave\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 17:26
S35	79	inject\$3 and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 15:00
S36	52	S34 same nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 15:00
S37	28	inject\$3 and S36	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 15:16
S38	214	(syringe injector) same shock adj wave\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 19:07
S39	17	oblique and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 15:17
S40	21	("3064650" "3494358" "3702608" "3712301" "3792489" "3880163" "3882863" "4194505" "4316463" "4413991" "4484910" "4529403" "4578064" "4689042" "4755169" "4781689" "4795433" "4822340" "4902279").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/19 15:34
S41	3	S40 and membrane	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/19 15:35
S42	0	S41 and shock	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/19 15:35
S43	4	S40 and shock	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/19 15:38
S44	155	(604/522).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/12/19 15:38
S45	20	S44 and shock	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 15:39

S46	15	S45 and membrane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 15:39
S47	7971	membrane near3 (ruptur\$3 break\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 15:39
S48	3	S45 and S47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 15:40
S49	0	S45 and oblique	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 17:26
S50	7971	membrane near3 (ruptur\$3 break\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 17:26
S51	425	S50 same (shock adj wave\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 17:26
S52	5518	bleed\$3 near2 (hole aperture opening)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 17:37
S53	0	S51 and S52	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 17:27
S54	58	S52 and shock adj wave\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 17:27
S55	11	S54 and (syringe injector)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 17:34
S56	2671	pressur\$4 same S52	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 17:35
S57	54	(604/147).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/12/19 17:36
S58	0	S56 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 17:36
S59	0	S57 and bleed	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 17:36

S60	1	S57 and bleed\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 17:36
S61	122421	pressur\$4 near3 (hole aperture opening)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 17:37
S62	6	S61 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 17:37
S63	29	("3308818" "4596556" "4790824" "4890603" "4940460" "4941880" "4945050" "5064413" "5120657" "5149655" "5312335" "5312577" "5383851" "5386837" "5399163" "5405779" "5421816" "5466220" "5503627" "5506125" "5520639" "5525510" "5584807" "5599302" "5614502" "5630796" "5672167" "5700245").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/19 18:22
S64	11	S63 and shock	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/19 18:30
S65	1018	((435/285.1-285.3,286.6,287.6) or (800/293)). CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/12/19 18:30
S66	0	S34 and S65	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 18:31
S67	45	S50 and S65	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 18:31
S68	9	shock and S67	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 18:31
S69	2	("4945050" "5015580").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/19 18:36
S70	52	("5204253").URPN.	USPAT	OR	OFF	2005/12/19 18:36
S71	5	("4124024" "5204253" "5630796" "5891086" "6592545").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/19 19:06
S72	766	(gas near3 select\$3) with velocity	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/19 19:07
S73	0	S38 and S72	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/19 19:07
S74	864	(syringe injector) and shock adj wave\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 19:08

S75	1	S72 and S74	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/19 19:08
S76	174	(amino adj acid) with buffer with composition	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/20 16:01
S77	1205191	granule bead pellet tablet particle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/20 16:02
S78	1	S76 with S77	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/20 16:02
S79	1	("5630796").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/12/20 18:44
S80	27	needleless same shock adj wave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 18:01
S81	126355	(velocity speed) with gas\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 17:42
S82	20	S80 and S81	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 17:42
S83	69	needleless same supersonic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 18:01
S84	56	S83 not S82	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 18:33
S85	45	S84 and membrane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 18:02
S86	3	((("5204253") or ("4945050") or ("6004286"))).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/12/21 18:33
S87	19	(US-20010039394-\$ or US-20040024350-\$).did. or (US-4124024-\$ or US-4572165-\$ or US-5204253-\$ or US-5525510-\$ or US-5865796-\$ or US-5871125-\$ or US-5899880-\$ or US-5947928-\$ or US-6010478-\$ or US-6592545-\$ or US-6685669-\$ or US-6849060-\$ or US-6881200-\$ or US-6004286-\$).did. or (WO-9612513-\$ or WO-9604947-\$).did. or (EP-788386-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2005/12/21 19:01

S88	12	S87 and S81	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 19:27
S89	437	(high adj pressure) same decoupl\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 19:28
S90	4203697	hole opening aperture	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 19:28
S91	73	S89 same S90	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 19:28
S92	4	releas\$3 same S91	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 19:31
S93	214044	(small siz\$2) near2 (hole opening aperture)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/22 08:54
S94	1	S93 same S89	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 19:32
S95	25570	pressur\$4 same S93	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 19:32
S96	1647	S95 same (releas\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 19:32
S97	0	decoupl\$3 same S96	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 19:33
S98	32	bleed same S96	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 19:42
S99	49252	pressure near2 build\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 19:42
S10 0	116817	pressure near3 (releas\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 19:43
S10 1	2515	S99 same S100	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 19:43

S10 2	96	S101 same (S93 bleed\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 19:44
S10 3	1	S102 and decoupl\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 19:43
S10 4	24	S102 and inject\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 19:44